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|----------|------------|----------|----------|------------|----------|----------|--------|------------|------------|----|------------|----|----------|----|
| PPPPPPPP | AAAAAA     | SSSSSSSS | UU       | UU         | PPPPPPPP | DDDDDDDD | AAAAAA | TTTTTTTTTT | EEEEEEEEEE |    |            |    |          |    |
| PPPPPPPP | AAAAAA     | SSSSSSSS | UU       | UU         | PPPPPPPP | DDDDDDDD | AAAAAA | TTTTTTTTTT | EEEEEEEEEE |    |            |    |          |    |
| PP       | PP         | AA       | AA       | SS         | UU       | UU       | PP     | PP         | DD         | DD | AA         | AA | TT       | EE |
| PP       | PP         | AA       | AA       | SS         | UU       | UU       | PP     | PP         | DD         | DD | AA         | AA | TT       | EE |
| PP       | PP         | AA       | AA       | SS         | UU       | UU       | PP     | PP         | DD         | DD | AA         | AA | TT       | EE |
| PP       | PP         | AA       | AA       | SS         | UU       | UU       | PP     | PP         | DD         | DD | AA         | AA | TT       | EE |
| PPPPPPPP | AA         | AA       | SSSSSS   | UU         | UU       | PPPPPPPP | DD     | DD         | AA         | AA | TT         | EE | EEEEEEEE |    |
| PPPPPPPP | AA         | AA       | SSSSSS   | UU         | UU       | PPPPPPPP | DD     | DD         | AA         | AA | TT         | EE | EEEEEEEE |    |
| PP       | AAAAAAAAAA | SS       | UU       | UU         | PP       | DD       | DD     | AAAAAAAAAA | TT         | EE |            |    |          |    |
| PP       | AAAAAAAAAA | SS       | UU       | UU         | PP       | DD       | DD     | AAAAAAAAAA | TT         | EE |            |    |          |    |
| PP       | AA         | AA       | SS       | UU         | UU       | PP       | DD     | AA         | AA         | TT | EE         |    |          |    |
| PP       | AA         | AA       | SS       | UU         | UU       | PP       | DD     | AA         | AA         | TT | EE         |    |          |    |
| PP       | AA         | AA       | SSSSSSSS | UUUUUUUUUU | PP       | DDDDDDDD | AA     | AA         | TT         | EE | EEEEEEEEEE |    |          |    |
| PP       | AA         | AA       | SSSSSSSS | UUUUUUUUUU | PP       | DDDDDDDD | AA     | AA         | TT         | EE | EEEEEEEEEE |    |          |    |

```

LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LLLLLLLLLLLL IIIIII          SSSSSSSS
LLLLLLLLLLLL IIIIII          SSSSSSSS

```



```
1 0001 0 MODULE PASSUPDATE ( %TITLE 'UPDATE procedure'
2 0002 0 IDENT = '1-004' ! File: PASUPDATE.B32 Edit: SBL1004
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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11 0011 1 *
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24 0024 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 ++
31 0031 1 FACILITY: Pascal Language Support
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 This module contains PASSUPDATE, which implements the
36 0036 1 VAX-11 Pascal UPDATE procedure.
37 0037 1
38 0038 1 ENVIRONMENT: User mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 29-January-1982
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SBL 29-January-1982
45 0045 1 1-002 - Set RBF and RSZ before doing $UPDATE. Check linelimit.
46 0046 1 SBL 28-Oct-1982
47 0047 1 1-003 - Don't check linelimit, since a new record is not being added
48 0048 1 to the file. SBL 8-Nov-1982
49 0049 1 1-004 - Allow UPDATE of sequential organization files, as long as they
50 0050 1 are opened for direct access (fixed-length records). SBL 24-feb-1984
51 0051 1 --
52 0052 1
```

PAS\$UPDATE  
1-004

UPDATE procedure  
Declarations

N 7  
16-Sep-1984 02:12:11  
14-Sep-1984 12:51:59

VAX-11 Bliss-32 V4.0-742  
[PASRTL.SRC]PASUPDATE.B32;1

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```
: 54 0053 1 %SBTTL 'Declarations'
: 55 0054 1
: 56 0055 1 PROLOGUE DEFINITIONS:
: 57 0056 1
: 58 0057 1
: 59 0058 1 REQUIRE 'RTLIN:PASPROLOG';          ! Externals, linkages, PSECTs, structures
: 60 0122 1
: 61 0123 1
: 62 0124 1 TABLE OF CONTENTS:
: 63 0125 1
: 64 0126 1
: 65 0127 1 FORWARD ROUTINE
: 66 0128 1 PASS$UPDATE: NOVALUE;              ! Do an UPDATE
: 67 0129 1
: 68 0130 1
: 69 0131 1 MACROS:
: 70 0132 1
: 71 0133 1 NONE
: 72 0134 1
: 73 0135 1 EQUATED SYMBOLS:
: 74 0136 1
: 75 0137 1 NONE
: 76 0138 1
: 77 0139 1 FIELDS:
: 78 0140 1
: 79 0141 1 NONE
: 80 0142 1
: 81 0143 1 OWN STORAGE:
: 82 0144 1
: 83 0145 1 NONE
```



```

85 0146 1 %SBTTL 'PAS$UPDATE - UPDATE procedure'
86 0147 1 GLOBAL ROUTINE PAS$UPDATE (
87 0148 1     PFV: REF $PAS$PFV_FILE_VARIABLE,
88 0149 1     ERROR
89 0150 1 ): NOVALUE =
90 0151 1
91 0152 1 ++
92 0153 1 FUNCTIONAL DESCRIPTION:
93 0154 1
94 0155 1     PAS$UPDATE implements the VAX-11 Pascal UPDATE procedure. It
95 0156 1     updates the current file component with the contents of the
96 0157 1     file buffer.
97 0158 1
98 0159 1 CALLING SEQUENCE:
99 0160 1
100 0161 1     CALL PAS$UPDATE (PFV.mr.r [, ERROR.j.r])
101 0162 1
102 0163 1 FORMAL PARAMETERS:
103 0164 1
104 0165 1     PFV           - The Pascal File Variable (PFV) passed by reference.
105 0166 1                   The structure of the PFV is defined in PASPFV.REQ.
106 0167 1
107 0168 1     ERROR          - Optional. If specified, the address to unwind to
108 0169 1                   if an error occurs.
109 0170 1
110 0171 1 IMPLICIT INPUTS:
111 0172 1
112 0173 1     NONE
113 0174 1
114 0175 1 IMPLICIT OUTPUTS:
115 0176 1
116 0177 1     NONE
117 0178 1
118 0179 1 ROUTINE VALUE:
119 0180 1
120 0181 1     NONE
121 0182 1
122 0183 1 SIDE EFFECTS:
123 0184 1
124 0185 1     NONE
125 0186 1
126 0187 1 SIGNALLED ERRORS:
127 0188 1
128 0189 1     FILNOTOPE - File not open
129 0190 1     FILNOTINS - File is not in Inspection mode
130 0191 1     FILNOTDIR - file is not opened for direct access
131 0192 1     FILNOTKEY - file is not opened for keyed access
132 0193 1     CURCOMUND - current component is undefined
133 0194 1     KEYCHANOT - key value change is not allowed
134 0195 1     KEYDUPNOT - key value duplication is not allowed
135 0196 1     ERRDURUPD - Error during UPDATE
136 0197 1
137 0198 1
138 0199 1 --
139 0200 1
140 0201 2 BEGIN
141 0202 2
```



```
142 0203 2 LOCAL
143 0204 2 FCB: REF $PASSFCB_CONTROL_BLOCK, ! File Control Block
144 0205 2 FAB: REF BLOCK [, BYTE], ! RMS FAB
145 0206 2 STATUS, ! Status from $UPDATE
146 0207 2 PFV_ADDR: VOLATILE, ! Enable argument
147 0208 2 UNWIND_ACT: VOLATILE, ! Enable argument
148 0209 2 ERROR_ADDR: VOLATILE; ! Enable argument
149 0210 2
150 0211 2 BIND
151 0212 2 RAB = FCB: REF BLOCK [, BYTE]; ! RMS RAB
152 0213 2
153 0214 2 BUILTIN
154 0215 2 ACTUALCOUNT;
155 0216 2
156 0217 2 ENABLE
157 0218 2 PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR);
158 0219 2
159 0220 2 IF ACTUALCOUNT () GEQU 2
160 0221 2 THEN
161 0222 2 ERROR_ADDR = .ERROR; ! Set unwind address
162 0223 2
163 0224 2 !+
164 0225 2 ! Set PFV address enable argument.
165 0226 2 !-
166 0227 2
167 0228 2 PFV_ADDR = PFV [PFV$R_PFV];
168 0229 2
169 0230 2 !+
170 0231 2 ! Validate and lock PFV
171 0232 2 !-
172 0233 2
173 0234 2 PASS$VALIDATE_PFV (PFV [PFV$R_PFV]; FCB);
174 0235 2
175 0236 2 !+
176 0237 2 ! Set unwind action to unlock file.
177 0238 2 !-
178 0239 2
179 0240 2 UNWIND_ACT = PASS$K_UNWIND_UNLOCK;
180 0241 2
181 0242 2 !+
182 0243 2 ! Open file if it should be implicitly opened.
183 0244 2 !-
184 0245 2
185 0246 2 IF NOT .PFV [PFV$V_VALID]
186 0247 2 THEN
187 0248 2 PASS$OPEN_IMPLICIT (PFV [PFV$R_PFV], FCB [FCB$R_FCB]; FCB);
188 0249 2
189 0250 2 !+
190 0251 2 ! Verify that the file is open.
191 0252 2 !-
192 0253 2
193 0254 2 IF NOT .PFV [PFV$V_OPEN]
194 0255 2 THEN
195 0256 2 $PASS$IO_ERROR (PASS$_FILNOTOPE,0);
196 0257 2
197 0258 2 !+
198 0259 2 ! Verify that the file is in Inspection mode.
```



```
199 0260 2  !-
200 0261 2
201 0262 2  IF NOT .FCB [FCB$V_INSPECTION]
202 0263 2  THEN
203 0264 2  $PASSIO_ERROR (PASS$_FILNOTINS,0);
204 0265 2
205 0266 2  !+
206 0267 2  ! Verify that the file was opened either direct or keyed.
207 0268 2  !-
208 0269 2
209 0270 2  FAB = .RAB [RAB$L_FAB];
210 0271 2  IF .FCB [FCB$V_SEQUENTIAL] ! Neither DIRECT nor KEYED
211 0272 2  THEN
212 0273 2  IF .FAB [FAB$B_ORG] NEQ FAB$C_IDX ! Not indexed?
213 0274 2  THEN
214 0275 3  $PASSIO_ERROR (PASS$_FILNOTDIR,0)
215 0276 2  ELSE ! Must be INDEXED
216 0277 2  $PASSIO_ERROR (PASS$_FILNOTKEY,0);
217 0278 2
218 0279 2  !+
219 0280 2  ! Set RSZ appropriately.
220 0281 2  !-
221 0282 2
222 0283 2  IF .FCB [FCB$V_VARYING]
223 0284 2  THEN
224 0285 2  RAB [RAB$W_RSZ] = .(.PFV [PFV$A_BUFFER])<0,16,0>
225 0286 2  ELSE
226 0287 2  RAB [RAB$W_RSZ] = .RAB [RAB$W_USZ];
227 0288 2
228 0289 2  RAB [RAB$L_RBF] = .RAB [RAB$L_UBF];
229 0290 2
230 0291 2  !+
231 0292 2  ! Do the $UPDATE to update the current component.
232 0293 2  !-
233 0294 2
234 0295 2  STATUS = $PASSRMS_OP ($UPDATE (RAB=.RAB));
235 0296 2  IF NOT .STATUS
236 0297 2  THEN
237 0298 2  !+
238 0299 2  ! $UPDATE failed. Give specific or generic error as appropriate.
239 0300 2  !-
240 0301 2
241 0302 2  SELECTONE .STATUS OF
242 0303 2  SET
243 0304 2
244 0305 2  [RMS$_CUR]:
245 0306 2  $PASSIO_ERROR (PASS$_CURCOMUND); ! Current component undefined
246 0307 2
247 0308 2  [RMS$_CHG]:
248 0309 2  $PASSIO_ERROR (PASS$_KEYCHANOT); ! Key value change not allowed
249 0310 2
250 0311 2  [RMS$_DUP]:
251 0312 2  $PASSIO_ERROR (PASS$_KEYDUPNOT); ! Key value duplication not allowed
252 0313 2
253 0314 2  [OTHERWISE]:
254 0315 2  $PASSIO_ERROR (PASS$_ERRDURUPD); ! Error during UPDATE
255 0316 2
```



PASSUPDATE  
1-004

UPDATE procedure  
PASSUPDATE - UPDATE procedure

E 8  
16-Sep-1984 02:12:11  
14-Sep-1984 12:51:59

VAX-11 Bliss-32 V4.0-742  
[PASRTL.SRC]PASUPDATE.B32;1

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```
: 256      0317 2      TES;
: 257      0318 2
: 258      0319 2
: 259      0320 2      !+
: 260      0321 2      !  Undefine file buffer
: 261      0322 2      !  Cancel previous LOCATE
: 262      0323 2      !  Indicate successful operation
: 263      0324 2      !  Unlock the file
: 264      0325 2      !-
: 265      0326 2      FCB [FCB$L_STATUS] = 0;
: 266      0327 2      FCB [FCB$V_LOCATE] = 0;
: 267      0328 2      PFV [PFV$V_DFB] = 0;
: 268      0329 2      PFV [PFV$V_LOCK] = 0;
: 269      0330 2
: 270      0331 2      RETURN;
: 271      0332 2
: 272      0333 1      END;
```

! End of routine PASSUPDATE

.TITLE PASSUPDATE UPDATE procedure  
.IDENT \1-004\

.EXTRN PASSUPDATE, PASS\$IO\_HANDLER  
.EXTRN PASS\$VALIDATE PFV  
.EXTRN PASS\$OPEN IMPLICIT  
.EXTRN PASS\$SIGNAL, PASSK\_FILNOTOPE  
.EXTRN PASSK\_FILNOTINS  
.EXTRN PASSK\_FILNOTDIR  
.EXTRN PASSK\_FILNOTKEY  
.EXTRN SYSSUPDATE, PASSK\_CURCOMUND  
.EXTRN PASSK\_KEYCHANOT  
.EXTRN PASSK\_KEYDUPNOT  
.EXTRN PASSK\_ERRDURUPD

.PSECT \_PASS\$CODE, NOWRT, SHR, PIC, 2

.ENTRY PASSUPDATE, Save R2, R3, R6, R7  
MOVAB PASS\$SIGNAL, R3

```
      SUBL2 #8, SP      : 0147
      CLRL  ERROR_ADDR  : 0201
      CLRQ  UNWIND_ACT
      MOVAL 17$, (FP)
      CMPB  (AP), #2      : 0220
      BLSSU 1$
      MOVL  ERROR, ERROR_ADDR      : 0222
      MOVL  PFV, R6      : 0228
      MOVL  R6, PFV_ADDR
      JSB   PASS$VALIDATE PFV      : 0234
      MOVL  #1, UNWIND_ACT      : 0240
      BLBS  6(R6), 2$      : 0246
      JSB   PASS$OPEN_IMPLICIT      : 0248
      BBS   #5, 7(R6), 3$      : 0254
      CLRL  -(SP)      : 0256
      MOVZBL #PASSK_FILNOTOPE, -(SP)
      BRB   6$
      BBS   #3, -3(FCB), 4$      : 0262
      CLRL  -(SP)      : 0264
```

```
      00CC 00000
53 00000000G 00 9E 00002
5E          08 C2 00009
          7E D4 0000C
          04 AE 7C 0000E
6D 00D8 CF DE 00011
02      04 6C 91 00016
          04 1F 00019
6E 08 AC D0 0001B
56 04 AC D0 0001F 1$:
08 AE 56 D0 00023
          00000000G 00 16 00027
04 AE 01 D0 0002D
06 06 A6 E8 00031
          00000000G 00 16 00035
08 07 A6 05 E0 0003B 2$:
          7E D4 00040
          00G 8F 9A 00042
          29 11 00046
08 FD A7 03 E0 00048 3$:
          7E D4 0004D
```



|           |    |     |      |      |       |        |                         |                         |                  |
|-----------|----|-----|------|------|-------|--------|-------------------------|-------------------------|------------------|
|           | 7E | 00G | 8F   | 9A   | 0004F | MOVZBL | #PASSK_FILNOTINS, -(SP) |                         |                  |
|           |    |     | 1C   | 11   | 00053 | BRB    | 6\$                     |                         |                  |
|           | 50 | 3C  | A7   | D0   | 00055 | 4\$:   | MOVL                    | 60(FCB), FAB            |                  |
|           | 18 | FC  | A7   | E9   | 00059 | BLBC   | -4(FCB), 7\$            | 0270                    |                  |
|           | 20 | 1D  | A0   | 91   | 0005D | CMPB   | 29(FAB), #32            | 0271                    |                  |
|           |    |     | 08   | 13   | 00061 | BEQL   | 5\$                     | 0273                    |                  |
|           |    |     | 7E   | D4   | 00063 | CLRL   | -(SP)                   | 0275                    |                  |
|           | 7E | 00G | 8F   | 9A   | 00065 | MOVZBL | #PASSK_FILNOTDIR, -(SP) |                         |                  |
|           |    |     | 06   | 11   | 00069 | BRB    | 6\$                     |                         |                  |
|           |    |     | 7E   | D4   | 0006B | 5\$:   | CLRL                    | -(SP)                   |                  |
|           | 7E | 00G | 8F   | 9A   | 0006D | MOVZBL | #PASSK_FILNOTKEY, -(SP) | 0277                    |                  |
|           | 63 |     | 02   | FB   | 00071 | 6\$:   | CALLS                   | #2, PASS\$SIGNAL        |                  |
|           |    |     |      | 04   | 00074 | RET    |                         |                         |                  |
| 07        | F8 | A7  | 02   | E1   | 00075 | 7\$:   | BBC                     | #2, -8(FCB), 8\$        |                  |
|           | 22 | A7  | 00   | B6   | B0    | 0007A  | MOVW                    | 20(R6), 34(FCB)         |                  |
|           |    |     |      | 05   | 11    | 0007F  | BRB                     | 9\$                     |                  |
|           | 22 | A7  | 20   | A7   | B0    | 00081  | 8\$:                    | MOVW                    | 32(FCB), 34(FCB) |
|           | 28 | A7  | 24   | A7   | D0    | 00086  | 9\$:                    | MOVL                    | 36(FCB), 40(FCB) |
|           |    |     |      | 57   | DD    | 0008B  | 10\$:                   | PUSHL                   | FCB              |
| 00000000G | 00 |     |      | 01   | FB    | 0008D  | CALLS                   | #1, SYSSUPDATE          |                  |
|           | 0D |     |      | 50   | E8    | 00094  | BLBS                    | \$\$STATUS, 11\$        |                  |
| 0001825A  | 8F |     |      | 50   | D1    | 00097  | CMPL                    | \$\$STATUS, #98906      |                  |
|           |    |     |      | 04   | 12    | 0009E  | BNEQ                    | 11\$                    |                  |
|           | E7 | FF  | A7   | E8   | 000A0 | 11\$:  | BLBS                    | -1(FCB), 10\$           |                  |
|           | 52 |     |      | 50   | D0    | 000A4  | MOVL                    | \$\$STATUS, STATUS      |                  |
|           | 35 |     |      | 52   | E8    | 000A7  | BLBS                    | STATUS, 16\$            |                  |
| 000184B4  | 8F |     |      | 52   | D1    | 000AA  | CMPL                    | STATUS, #99508          |                  |
|           |    |     |      | 06   | 12    | 000B1  | BNEQ                    | 12\$                    |                  |
|           | 7E | 00G | 8F   | 9A   | 000B3 | MOVZBL | #PASSK_CURCOMUND, -(SP) | 0306                    |                  |
|           |    |     |      | 22   | 11    | 000B7  | BRB                     | 15\$                    |                  |
| 0001849C  | 8F |     |      | 52   | D1    | 000B9  | 12\$:                   | CMPL                    | STATUS, #99484   |
|           |    |     |      | 06   | 12    | 000C0  | BNEQ                    | 13\$                    |                  |
|           | 7E | 00G | 8F   | 9A   | 000C2 | MOVZBL | #PASSK_KEYCHANOT, -(SP) | 0309                    |                  |
|           |    |     |      | 13   | 11    | 000C6  | BRB                     | 15\$                    |                  |
| 000184EC  | 8F |     |      | 52   | D1    | 000C8  | 13\$:                   | CMPL                    | STATUS, #99564   |
|           |    |     |      | 06   | 12    | 000CF  | BNEQ                    | 14\$                    |                  |
|           | 7E | 00G | 8F   | 9A   | 000D1 | MOVZBL | #PASSK_KEYDUPNOT, -(SP) | 0312                    |                  |
|           |    |     |      | 04   | 11    | 000D5  | BRB                     | 15\$                    |                  |
|           | 7E | 00G | 8F   | 9A   | 000D7 | 14\$:  | MOVZBL                  | #PASSK_ERRDURUPD, -(SP) |                  |
|           | 63 |     |      | 01   | FB    | 000DB  | 15\$:                   | CALLS                   | #1, PASS\$SIGNAL |
|           |    |     |      |      | 04    | 000DE  | RET                     |                         |                  |
|           |    |     | D4   | A7   | D4    | 000DF  | 16\$:                   | CLRL                    | -44(FCB)         |
|           | FE | A7  |      | 01   | 8A    | 000E2  | BICB2                   | #1, -2(FCB)             |                  |
|           | 06 | A6  | 8002 | 8F   | AA    | 000E6  | BICW2                   | #32770, 6(R6)           |                  |
|           |    |     |      |      | 04    | 000EC  | RET                     |                         |                  |
|           |    |     |      | 0000 | 000ED | 17\$:  | .WORD                   | Save nothing            |                  |
|           | 50 | 08  | AC   | D0   | 000EF | MOVW   | 8(AP), R0               |                         |                  |
|           | 50 | 04  | A0   | D0   | 000F3 | MOVW   | 4(R0), R0               |                         |                  |
|           |    | F4  | A0   | 9F   | 000F7 | PUSHAB | ERROR_ADDR              |                         |                  |
|           |    | F8  | A0   | 9F   | 000FA | PUSHAB | UNWIND_ACT              |                         |                  |
|           |    | FC  | A0   | 9F   | 000FD | PUSHAB | PFV_ADDR                |                         |                  |
|           |    |     |      | 03   | DD    | 00100  | PUSHL                   | #3                      |                  |
|           |    |     |      | 5E   | DD    | 00102  | PUSHL                   | SP                      |                  |
| 00000000G | 7E | 04  | AC   | 7D   | 00104 | MOVW   | 4(AP), -(SP)            |                         |                  |
|           | 00 |     | 03   | FB   | 00108 | CALLS  | #3, PASS\$IO_HANDLER    |                         |                  |
|           |    |     |      | 04   | 0010F | RET    |                         |                         |                  |

PASSUPDATE  
1-004

UPDATE procedure  
PASSUPDATE - UPDATE procedure

G 8  
16-Sep-1984 02:12:11  
14-Sep-1984 12:51:59

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[PASRTL.SRC]PASUPDATE.B32;1

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; Routine Size: 272 bytes, Routine Base: \_PASSCODE + 0000

; 273 0334 1  
; 274 0335 1 !<BLF/PAGE>



PASSUPDATE  
1-004 UPDATE procedure  
PASSUPDATE - UPDATE procedure

H 8  
16-Sep-1984 02:12:11 VAX-11 Bliss-32 V4.0-742  
14-Sep-1984 12:51:59 [PASRTL.SRC]PASUPDATE.B32;1

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: 276 0336 1 END  
: 277 0337 1  
: 278 0338 0 ELUDOM

! End of module PASSUPDATE

# PSECT SUMMARY

| Name        | Bytes | Attributes                                              |
|-------------|-------|---------------------------------------------------------|
| _PASS\$CODE | 272   | NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2) |

# Library Statistics

| File                                   | -----<br>Total | Symbols<br>Loaded | -----<br>Percent | Pages<br>Mapped | Processing<br>Time |
|----------------------------------------|----------------|-------------------|------------------|-----------------|--------------------|
| _\$255\$DUA28:[SYSLIB]STARLET.L32;1    | 9776           | 15                | 0                | 581             | 00:01.0            |
| _\$255\$DUA28:[PASRTL.OBJ]PASLIB.L32;1 | 427            | 98                | 22               | 33              | 00:00.5            |

# COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:PASUPDATE/OBJ=OBJ\$:PASUPDATE MSRC\$:PASUPDATE/UPDATE=(ENH\$:PASUPDATE  
: )

: Size: 272 code + 0 data bytes  
: Run Time: 00:08.2  
: Elapsed Time: 00:23.5  
: Lines/CPU Min: 2485  
: Lexemes/CPU-Min: 17941  
: Memory Used: 118 pages  
: Compilation Complete



0297

AH-BT13A-SE  
 VAX/VMS V4.0

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